Title (en)
DATABASE SERVER DEVICE, SERVER SYSTEM AND REQUEST PROCESSING METHOD

Title (de)
DATENBANKSERVERVORRICHTUNG, SERVERSYSTEM UND ANFRAGEVERARBEITUNGSVERFAHREN

Title (fr)
DISPOSITIF DE SERVEUR DE BASE DE DONNÉES, SYSTÈME DE SERVEUR ET PROCÉDÉ DE TRAITEMENT DE REQUÊTES

Publication
EP 3772691 B1 20211124 (EN)

Application
EP 20163139 A 20200313

Priority
JP 2019147655 A 20190809

Abstract (en)
[origin: EP3772691A1] The prolongation of the lock time of the database upon the execution of a series of processing is suppressed, and the load of the implementation/modification of the database server device upon changing the application destination of the Web system is reduced. A database server device 120 provides a prescribed simple API, and comprises a request processing unit 121, an SQL creation unit 122, and an SQL processing unit 123. In the database server device 120, when a plurality of divided requests are received from the Web server device 110 as the request for requesting a series of processing, the SQL processing unit 123 executes SQL integration processing of temporarily storing the generated SQL sentences until generation of the SQL sentences is ended for all of the plurality of divided requests, and integrating and editing the plurality of temporarily stored SQL sentences and creating the whole SQL sentence after generation of the SQL sentence is ended for all of the requests.

IPC 8 full level
G06F 16/23 (2019.01); G06F 16/2453 (2019.01); G06F 16/25 (2019.01)

CPC (source: EP US)
G06F 9/547 (2013.01 - US); G06F 16/2343 (2018.12 - EP); G06F 16/24534 (2018.12 - EP); G06F 16/252 (2018.12 - EP); G06F 16/9532 (2018.12 - US); H04L 67/02 (2013.01 - EP); H04L 67/01 (2022.05 - US); H04L 67/1008 (2013.01 - EP)

Cited by
CN113961638A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3772691 A1 20210210; EP 3772691 B1 20211124; JP 2021028771 A 20210225; JP 7157716 B2 20221020; US 11494448 B2 20221108; US 2021042375 A1 20210211

DOCDB simple family (application)
EP 20163139 A 20200313; JP 2019147655 A 20190809; US 202016817827 A 20200313